

ABSTRACT OF THE DISCLOSURE

Device for Administering an Injectable Product in Doses

The invention concerns a device for administering an injectable product in doses, comprising:

- a) a casing (1, 5), comprising a reservoir (2) for the product;
- b) a piston (3), which when moved in a feed direction towards an outlet (4) of the reservoir (2) forces product from the reservoir (2);
- c) a gear rack (10), moving the piston (3) in the feed direction, comprising a first series of teeth (11) and a second series of teeth (12);
- d) a drive member (20), movable relative to the casing (1, 5) in and counter to the feed direction, and slaving the gear rack (10) when moved in the feed direction; and
- e) a blocking means (6), arranged secured against shifting relative to the casing (1, 5) and cooperating with one of the series of teeth (11, 12) such that it prevents the gear rack (10) from being moved counter to the feed direction and allows the gear rack (10) to be moved in the feed direction.

The second series of teeth (12) comprises an elongated tooth gap (17a) with which the blocking means (7) cooperating with the second series of teeth (12) meshes, when the gear rack (10) assumes a starting position prior to a first administering.

The second series of teeth (12) comprises an elongated tooth gap (19a) with which the slaving means (22) cooperating with the second series of teeth (12) meshes, when the gear rack (10) assumes a starting position prior to a first administering.

Fig.1